UNITED
NATIONS

ST

Secretariat

Distr.
GENERAL

ST/SG/SER.E/258
7 January 1993

ORIGINAL: ENGLISH

COMMITTEE ON THE PEACEFUL USES OF
OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 16 December 1992 from the Permanent Representative of the United States of America to the United Nations addressed to the Secretary-General

The Permanent Representative of the United States of America to the United Nations presents his compliments to the Secretary-General of the United Nations and, in accordance with article IV of the Convention on Objects Launched into Outer Space, has the honour to transmit the registration data for the United States space launches from November 1990 through June 1992.

The following report supplements the registration data for the United States launches as of 30 November 1990. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects were launched since the last report and remain in orbit:						
1990-095A	13 November 1990	1 421.8	3.1	35 699	35 614	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1990-095C	13 November 1990	142	27.4	35 352	171	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1990-095D	13 November 1990	622.1	3.1	35 702	35 311	"
1990-100A	20 November 1990	1 449.4	0.18	36 397	35 696	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1990-100B	20 November 1990	1 421.3	0.06	35 721	35 269	"
1990-103A	26 November 1990	357.2	34.6	20 410	186	"
1990-103B	26 November 1990	97.0	21.4	725	565	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1990-103C	26 November 1990	336.5	34.6	20 365	20 961	"
The following objects not previously reported have been identified since the last report:						
1975-100F	16 October 1975	1 412	10.9	36 520	34 132	"

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 30 November 1990: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 30 November 1990:

1990-095B	13 November 1990	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1990-097A	15 November 1990	Spacecraft engaged in research and exploration of the upper atmosphere or outer space

The following objects identified in a previous report are no longer in orbit as of 2400Z on 30 November 1990:

1962-A ALP 2
1968-017A
1969-082EB
1969-082 EH
1970-025NC
1978-026FF

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

The following report supplements the registration data for the United States launches as of 31 December 1990. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects were launched since the last report and remain in orbit:						
1990-105A	1 December 1990	100.6	98.9	845	729	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1990-105B	1 December 1990	100.4	98.8	844	709	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1990-105C	1 December 1990	98.5	98.7	829	545	"
1990-105D	1 December 1990	98.5	98.9	840	532	"
1990-105E	1 December 1990	98.5	98.8	809	567	"
1990-105F	1 December 1990	98.9	98.8	839	574	"
1990-105G	1 December 1990	98.5	98.8	794	576	"
1990-105H	1 December 1990	97.7	98.9	775	519	"
1990-105J	1 December 1990	97.7	98.9	836	464	"
1990-105K	1 December 1990	98.5	98.9	833	541	"
1990-105L	1 December 1990	99.1	98.9	836	597	"
1990-105M	1 December 1990	98.1	98.9	806	532	"
1990-105N	1 December 1990	98.1	98.8	792	546	"

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1990-105P	1 December 1990	97.0	98.8	730	503	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

The following objects not previously reported have been identified since the last report:

1990-097B	15 November 1990	87.5	28.5	226	78	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1990-097C	15 November 1990	87.5	28.5	226	78	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1990-097D	15 November 1990	87.5	28.5	226	78	"

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 31 December 1990: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 December 1990:

1990-106A	2 December 1990	91.7	28.5	363	350	Reusable space transportation systems

The following objects identified in a previous report are no longer in orbit as of 2400Z on 31 December 1990:

1963-014CH
1975-004HR
1978-026EU
1990-015C

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

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The following report supplements the registration data for the United States launches as of 31 January 1991. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects were launched since the last report and remain in orbit:						
1991-001A	8 January 1991	1 471.4	1.3	36 559	36 391	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1991-001B	8 January 1991	1 410.6	4.3	35 656	34 916	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-001C	8 January 1991	121.7	121.7	2 724	787	"
The following objects not previously reported have been identified since the last report:						
1990-105Q	1 December 1990	97.9	98.8	771	541	"
1990-105R	1 December 1990	100.3	98.8	846	706	"
1990-105S	1 December 1990	97.9	98.7	776	540	"
1990-105T	1 December 1990	95.5	98.8	659	428	"
1990-105U	1 December 1990	97.3	98.7	731	526	"
1990-105V	1 December 1990	98.4	98.8	806	557	"
1990-105W	1 December 1990	98.9	98.9	830	579	"
1990-105X	1 December 1990	98.2	98.9	784	563	"
1990-105Y	1 December 1990	100.6	98.9	843	727	"

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1990-105Z	1 December 1990	98.5	98.9	805	566	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1969-069D	12 August 1969	1 466.7	13	36 926	35 841	"

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 31 January 1991: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 January 1991: NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z on 31 January 1991:

1961-OMI1952
1961-OMI1267
1965-082N
1974-089BE
1970-025AB
1977-065BK
1973-078CP
1990-105H
1990-105M
1990-105P

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

The following report supplements the registration data for the United States launches as of 28 February 1991. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects were launched since the last report and remain in orbit: NONE						
The following objects not previously reported have been identified since the last report:						
1990-105Z	1 December 1990	93.8	98.9	490	429	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1990-105AA	1 December 1990	98.2	98.8	783	565	"
1990-105AB	1 December 1990	97.1	98.9	700	538	"
1990-105AC	1 December 1990	95.7	98.9	614	491	"
The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 28 February 1991: NONE						
The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 28 February 1991: NONE						
The following objects identified in a previous report are no longer in orbit as of 2400Z on 28 February 1991:						
1961-OMI167						
1961-OMI178						
1977-065H						
1979-017AC						
1965-082UP						
1990-105C						
1990-105E						
1990-105G						
1990-105N						
1990-105T						
1990-105U						

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

The following report supplements the registration data for the United States launches as of 31 March 1991. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects were launched since the last report and remain in orbit:						
1991-017A	8 March 1991	95.5	68.0	662	420	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1991-017B	8 March 1991	95.5	68.0	662	420	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-018B	8 March 1991	100.7	25.0	1 173	414	"
1991-018C	8 March 1991	646.9	24.2	36 585	214	"
The following objects not previously reported have been identified since the last report:						
1990-105AD	1 December 1990	94.0	98.8	514	429	"

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 31 March 1991: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 March 1991: NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z on 31 March 1991:

1961 OMI 265
1970 025JV
1970 025LJ
1970 025LK
1970 025LP
1970 025LY

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1972 058L						
1972 058DJ						
1972 058FG						
1978 026HG						
1981 100A						
1990 105Q						
1990 105S						
1990-105AA						
1990-105T						
1990-105R						
1990-105K						
1990-068C						

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

The following report supplements the registration data for the United States launches as of 30 April 1991. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects were launched since the last report and remain in orbit:						
1991-031B	28 April 1991	89.5	57.0	255	245	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-027B	5 April 1991	93.7	28.5	463	449	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1991-028A	13 April 1991	1 436.2	0.7	35 800	35 775	"
1991-028B	13 April 1991	115.6	24.0	2 407	560	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-031A	28 April 1991	89.5	56.9	270	256	Reusable space transportation systems
1991-031D	28 April 1991	85.7	56.9	86	67	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-031E	28 April 1991	85.8	56.9	88	68	"
1991-031F	28 April 1991	89.0	57.0	236	215	"
1991-028C	13 April 1991	655	22.5	35 886	1 354	"

The following objects not previously reported have been identified since the last report: NONE

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 30 April 1991: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 30 April 1991:

1991-027A	5 April 1991	93.8	28.5	465	449	Reusable space transportation systems

The following objects identified in a previous report are no longer in orbit as of 2400Z on 30 April 1991:

1990-105Q
1990-105X
1990-105Y
1990-105AC
1990-068AD

1963-047M
1968-012E
1969-082LF
1972-058EA
1972-058JD

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

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The following report supplements the registration data for the United States launches as of 31 May 1991. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects not previously reported have been identified since the last report:						
1991-032A	14 May 1991	101.2	98.7	826	809	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1991-037A	29 May 1991	1 400.2	0.2	35 509	34 660	"
1991-032B	14 May 1991	101.2	98.7	821	811	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-032C	14 May 1991	101.2	98.7	820	812	"
1991-037B	29 May 1991	113.4	25.0	2 358	403	"
1991-037C	29 May 1991	648.8	24.1	35 453	1 439	"
The following objects not previously reported have been identified since the last report:						
1991-031C	28 April 1991	ELEMENTS NOT AVAILABLE				Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1975-052D	12 June 1975	110.3	99.6	1 398	1 088	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1975-052E	12 June 1975	108.9	99.6	1 271	1 086	"
1975-052F	12 June 1975	115.2	99.6	1 842	1 090	"

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1975-052G	12 June 1975	110.8	99.6	1 466	1 088	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1975-052H	12 June 1975	106.3	99.6	1 093	1 147	"
1975-052J	12 June 1975	107.6	99.6	1 025	1 092	"
1975-052K	12 June 1975	106.3	99.4	1 093	1 025	"
1975-052L	12 June 1975	106.6	99.4	1 096	1 045	"
1975-052M	12 June 1975	107.8	99.7	1 163	1 092	"
1975-052N	12 June 1975	109.3	99.6	1 297	1 091	"
1975-052P	12 June 1975	112.8	99.8	1 663	1 054	"
1975-052Q	12 June 1975	106.2	99.4	1 093	1 010	"
1975-052R	12 June 1975	110.6	99.6	1 466	1 088	"
1975-052S	12 June 1975	106.3	99.6	1 093	1 147	"
1975-052T	12 June 1975	107.6	99.6	1 025	1 092	"
1975-052U	12 June 1975	106.3	99.4	1 093	1 025	"
1975-052V	12 June 1975	106.6	99.4	1 096	1 045	"
1975-052W	12 June 1975	107.8	99.7	1 163	1 092	"
1975-052X	12 June 1975	109.3	99.6	1 297	1 091	"
1975-052Y	12 June 1975	112.8	99.8	1 663	1 054	"

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1975-052Z	12 June 1975	106.2	99.4	1 093	1 010	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1975-052AA	12 June 1975	110.8	99.6	1 466	1 088	"
1975-052AB	12 June 1975	106.3	99.6	1 093	1 147	"
1975-052AC	12 June 1975	107.6	99.6	1 025	1 092	"
1975-052AD	12 June 1975	106.3	99.4	1 093	1 025	"
1975-052AE	12 June 1975	106.6	99.4	1 096	1 045	"
1975-052AF	12 June 1975	107.8	99.7	1 163	1 092	"
1975-052AG	12 June 1975	109.3	99.6	1 297	1 091	"
1975-052AH	12 June 1975	112.8	99.8	1 663	1 054	"
1975-052AJ	12 June 1975	106.2	99.4	1 093	1 010	"
1975-052AK	12 June 1975	109.3	99.6	1 297	1 091	"
1975-052AM	12 June 1975	106.2	99.4	1 093	1 010	"
1975-052AN	12 June 1975	106.3	99.4	1 093	1 025	"
1975-052AP	12 June 1975	106.6	99.4	1 096	1 045	"
1975-052AQ	12 June 1975	107.8	99.7	1 163	1 092	"
1975-052AR	12 June 1975	105.2	99.7	1 105	905	"
1975-052AS	12 June 1975	105.7	99.2	1 095	965	"

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1975-052AT	12 June 1975	105.8	99.4	1 113	952	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1975-052AU	12 June 1975	107.1	99.4	1 093	1 025	"
1975-052AV	12 June 1975	111.5	99.4	1 096	1 045	"
1975-052AW	12 June 1975	106.2	99.7	1 163	1 092	"
1975-052AX	12 June 1975	107	99.7	1 105	905	"
1975-052AY	12 June 1975	105.7	99.2	1 095	965	"
1975-052AZ	12 June 1975	105.8	99.4	1 113	952	"
1975-052BA	12 June 1975	108.8	99.7	1 177	1 091	"
1975-052BB	12 June 1975	96.6	99.8	669	520	"
1975-052BC	12 June 1975	104.8	99.9	1 180	797	"
1975-052BD	12 June 1975	108.8	99.1	1 105	1 092	"
1975-052BE	12 June 1975	110.3	99.1	1 095	1 092	"
1975-052BF	12 June 1975	104.8	99.3	1 113	815	"
1975-052BG	12 June 1975	107.9	99.5	1 177	1 085	"
1975-052BH	12 June 1975	113.2	99.5	1 672	1 078	"
1975-052BJ	12 June 1975	113.9	99.5	1 879	934	"
1975-052BK	12 June 1975	114.6	99.7	1 105	1 092	"

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1975-052BL	12 June 1975	103.6	100.0	1 095	1 092	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1975-052BM	12 June 1975	107.0	99.0	1 113	815	"
1975-052BN	12 June 1975	107.9	99.5	1 177	1 085	"
1975-052BP	12 June 1975	113.2	99.5	1 672	1 078	"
1975-052BQ	12 June 1975	113.9	99.5	1 879	934	"
1975-052BR	12 June 1975	106.3	100.0	1 094	1 019	"
1975-052BS	12 June 1975	97.7	99.0	899	397	"
1975-052BT	12 June 1975	113.9	99.5	1 879	934	"
1975-052BU	12 June 1975	106.4	99.4	1 090	1 030	"
1975-052BW	12 June 1975	111.0	99.4	1 534	1 013	"
1975-052BX	12 June 1975	112.7	99.7	1 747	956	"
1975-052BY	12 June 1975	106.3	100.0	1 094	1 019	"
1975-052BZ	12 June 1975	97.7	99.0	899	397	"

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 31 May 1991: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 May 1991: NONE

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function

The following objects identified in a previous report are no longer in orbit as of 2400Z on 31 May 1991:

1991-031A
1991-031B
1991-031D
1991-031E
1991-031F

1969-082CK
1969-082JH
1970-025M
1969-082HH
1975-099A
1975-004FV
1978-026DD
1983-022C
1978-026GV
1979-017KV
1965-048L
1989-044C
1989-077B
1990-105W

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

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The following report supplements the registration data for the United States launches as of 30 June 1991. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects were launched since the last report and remain in orbit:						
1991-045A	29 June 1991	101.1	89.5	870	752	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1991-045B	29 June 1991	101.0	89.5	872	748	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-045C	29 June 1991	101.2	89.5	868	770	"
The following objects not previously reported have been identified since the last report:						
1975-052CA	12 June 1975	108.3	99.6	1 221	1 080	"
1975-052CB	12 June 1975	101.8	99.6	1 093	596	"
1975-052CC	12 June 1975	109.9	99.6	1 359	1 091	"
1975-052CD	12 June 1975	106.3	99.4	1 093	1 025	"
1975-052CE	12 June 1975	106.6	99.4	1 096	1 045	"
1975-052CF	12 June 1975	106.6	99.4	1 163	1 092	"
1975-052CG	12 June 1975	118.0	99.6	2 128	1 055	"
1975-052CH	12 June 1975	109.9	99.8	1 359	1 093	"
1975-052CJ	12 June 1975	99.6	99.4	1 193	1 192	"
1975-052CK	12 June 1975	110.8	99.6	1 466	1 088	"

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1975-052CL	12 June 1975	106.3	99.6	1 093	1 147	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1975-052CM	12 June 1975	107.6	99.6	1 025	1 092	"
1975-052CN	12 June 1975	105.9	99.4	1 097	983	"
1975-052CP	12 June 1975	105.3	99.4	1 132	889	"
1975-052CQ	12 June 1975	108.4	99.7	1 216	1 092	"
1975-052CY	12 June 1975	104.7	100.0	1 200	761	"
1975-052CZ	12 June 1975	103.9	99.0	1 166	722	"
1975-052DA	12 June 1975	116.2	99.4	1 093	1 025	"
1975-052DB	12 June 1975	106.7	99.4	1 092	1 058	"
1975-052DC	12 June 1975	115.4	99.5	1 897	1 051	"
1975-052DD	12 June 1975	113.6	99.6	1 667	1 091	"
1975-052DE	12 June 1975	106.3	99.4	1 093	1 025	"
1975-052DF	12 June 1975	106.6	99.4	1 096	1 045	"
1975-052DG	12 June 1975	107.8	99.7	1 163	1 092	"
1975-052CQ	12 June 1975	109.3	99.6	1 297	1 091	"
1975-052CR	12 June 1975	112.8	99.8	1 663	1 054	"
1975-052CS	12 June 1975	116.2	99.4	1 093	1 010	"

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1975-052DK	12 June 1975	102.8	99.5	1 045	677	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1975-052DL	12 June 1975	95.8	98.7	565	558	"
1975-052DM	12 June 1975	93.5	100.0	598	299	"
1975-052DN	12 June 1975	121.5	99.5	2 426	1 076	"
1975-052DP	12 June 1975	121.2	100	2 496	976	"
1975-052DQ	12 June 1975	101.1	99.5	1 071	554	"
1975-052DR	12 June 1975	107.0	99.8	1 134	1 043	"
1975-052DS	12 June 1975	118.4	99.7	2 137	1 088	"
1975-052DT	12 June 1975	113.7	99.6	1 757	1 036	"
1975-052DU	12 June 1975	113.7	100.0	2 060	847	"
1975-052DV	12 June 1975	107.9	99.7	1 175	1 087	"
1975-052DW	12 June 1975	108.4	99.6	1 216	1 093	"
1975-052DX	12 June 1975	114.1	100.0	1 550	980	"
1975-052DY	12 June 1975	111.4	99.7	1 640	945	"
1975-052DZ	12 June 1975	112.2	99.8	1 565	1 092	"
1975-052EA	12 June 1975	115.1	99.9	1 130	1 190	"
1975-052EB	12 June 1975	108.2	99.7	1 514	1 088	"

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1975-052EC	12 June 1975	111.6	99.5	1 514	1 088	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1975-052ED	12 June 1975	118.4	99.6	1 215	1 092	"
1975-052EE	12 June 1975	113.3	99.6	1 667	1 092	"
1975-052EF	12 June 1975	118.2	100	2 152	1 040	"
1975-052EG	12 June 1975	109.2	99.6	1 291	1 093	"
1975-052EH	12 June 1975	114.6	99.7	1 105	1 092	"
1975-052EJ	12 June 1975	103.6	100.0	1 095	1 092	"
1975-052EK	12 June 1975	107.0	99.0	1 113	815	"
1975-052EL	12 June 1975	118.0	100	2 099	1 087	"
1975-052EM	12 June 1975	108.7	99.7	1 265	1 075	"
1975-052EN	12 June 1975	128.4	100	1 203	1 403	"
1975-052EP	12 June 1975	112.7	99.7	1 747	956	"
1975-052EQ	12 June 1975	106.3	100.0	1 094	1 019	"
1975-052ER	12 June 1975	97.7	99.9	899	397	"
1975-052ES	12 June 1975	115.9	99.7	1 514	1 030	"
1975-052ET	12 June 1975	107.6	99.8	1 215	1 092	"
1975-052EU	12 June 1975	118.5	99.6	1 534	1 013	"

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1975-052EV	12 June 1975	109.2	99.6	1 344	1 041	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1975-052EW	12 June 1975	114.9	99.7	1 935	975	"
1975-052EX	12 June 1975	106.6	100	1 092	948	"

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 30 June 1991: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 30 June 1991: NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z on 30 June 1991:

1965-082DV
1975-052DH
1970-025LH
1975-052DM
1982-118D
1990-088C
1990-105F

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

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The following report supplements the registration data for the United States launches as of 31 July 1991. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects were launched since the last report and remain in orbit:						
1991-045D	29 June 1991	101.1	89.5	454	355	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-051A	17 July 1991	92.7	82	454	355	"
1991-051B	17 July 1991	92.7	82	454	355	"
1991-051C	17 July 1991	92.7	82.0	454	355	"
1991-051D	17 July 1991	92.7	82.0	454	355	"
1991-051E	17 July 1991	92.6	82.0	446	353	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1991-051F	17 July 1991	92.5	82.0	443	351	"
1991-051G	17 July 1991	92.5	82.0	443	352	"
1991-051H	17 July 1991	92.7	82.0	454	355	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-047A	7 July 1991	355.7	34.5	20 320	190	Spacecraft engaged in research and exploration of the upper atmosphere or outer space

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1991-047B	7 July 1991	92.8	39.9	417	405	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-047C	7 July 1991	92.8	39.9	417	405	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1991-047D	7 July 1991	355.7	34.5	20 320	190	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

The following objects not previously reported have been identified since the last report:

1975-052FA	12 June 1975	109.2	99.6	1 297	1 085	"
1975-052FB	12 June 1975	106.6	99.7	1 106	1 063	"
1975-052FC	12 June 1975	108.7	99.7	1 163	1 092	"
1975-052FD	12 June 1975	116.0	100.0	2 188	832	"
1975-052FE	12 June 1975	113.3	99.6	1 669	1 091	"
1975-052FF	12 June 1975	107.6	99.8	1 165	1 012	"
1975-052FF	12 June 1975	110.8	99.6	1 466	1 088	"
1975-052FG	12 June 1975	106.3	92.7	99.6	99.6	"
1975-052FH	12 June 1975	107.6	99.6	1 025	1 092	"
1975-052FJ	12 June 1975	105.9	99.4	1 097	983	"
1975-052FK	12 June 1975	105.3	99.4	1 132	889	"

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1975-052FL	12 June 1975	108.4	99.7	1 216	1 092	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1975-052FM	12 June 1975	108.7	99.6	1 184	1 091	"
1975-052FN	12 June 1975	120.6	99.6	2 328	1 093	"
1975-052FP	12 June 1975	114.6	100.0	2 175	699	"
1975-052FQ	12 June 1975	114.7	100.0	1 889	998	"
1975-052FR	12 June 1975	112.4	99.7	1 606	1 071	"
1975-052FS	12 June 1975	108.0	99.7	1 181	1 091	"
1975-052FT	12 June 1975	106.3	99.4	1 093	1 025	"
1975-052FU	12 June 1975	106.6	99.4	1 096	1 045	"
1975-052FV	12 June 1975	107.8	99.7	1 163	1 092	"
1975-052FW	12 June 1975	109.3	99.6	1 297	1 091	"
1975-052FX	12 June 1975	112.8	99.8	1 663	1 054	"
1975-052FY	12 June 1975	106.2	99.4	1 093	1 010	"
1975-052FZ	12 June 1975	107.3	99.3	1 140	1 068	"
1975-052GA	12 June 1975	106.7	99.4	1 131	1 021	"
1975-052GB	12 June 1975	102.8	99.5	1 045	677	"
1975-052GC	12 June 1975	95.8	98.7	565	558	"

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1975-052GD	12 June 1975	93.5	100.0	598	299	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1975-052GE	12 June 1975	121.5	99.5	2 426	1 076	"
1975-052GF	12 June 1975	112.7	99.7	1 969.3	738	"
1975-052GG	12 June 1975	109.5	100.0	1 684	731	"
1975-052GH	12 June 1975	107.7	99.7	1 149	1 093	"
1975-052GJ	12 June 1975	120.1	100.0	2 372	1 001	"
1975-052GK	12 June 1975	111.7	100.0	1 797	821	"
1975-052GL	12 June 1975	114.9	100.0	2 060	847	"
1975-052GM	12 June 1975	108.8	99.7	1 177	1 092	"
1975-052GN	12 June 1975	121.7	100.0	2 550	965	"
1975-052GP	12 June 1975	111.9	100.0	1 754	1 071	"
1975-052GQ	12 June 1975	114.4	100.0	2 100	728	"
1975-052GR	12 June 1975	116.2	99.8	2 005	1 029	"
1975-052GS	12 June 1975	114.6	100.0	1 836	1 038	"
1975-052GT	12 June 1975	113.1	100.0	1 859	913	"
1975-052GU	12 June 1975	126.3	99.8	2 961	943	"
1975-052GV	12 June 1975	114.6	99.6	1 215	1 092	"

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1975-052GW	12 June 1975	118.2	100	2 152	1 040	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1975-052GX	12 June 1975	109.2	99.6	1 291	1 093	"
1975-052GY	12 June 1975	114.6	99.7	1 105	1 092	"
1975-052GZ	12 June 1975	103.6	100.0	1 095	1 092	"
1975-052HA	12 June 1975	107.0	99.0	1 113	815	"
1975-052HB	12 June 1975	118.0	100.0	2 099	1 087	"
1975-052HC	12 June 1975	108.7	99.7	1 265	1 075	"
1975-052HD	12 June 1975	128.4	100	2 703	1 403	"
1975-052HE	12 June 1975	112.7	99.7	1 747	956	"
1975-052HG	12 June 1975	97.7	99.0	899	397	"
T1975-052HH	12 June 1975	115.9	99.7	1 514	1 030	"
1975-052HJ	12 June 1975	107.6	99.8	1 215	1 092	"
1975-052HK	12 June 1975	108.5	99.6	1 534	1 013	"
1975-052HL	12 June 1975	109.2	99.6	1 344	1 041	"
1975-052HM	12 June 1975	114.9	99.7	1 935	975	"
1975-052HP	12 June 1975	106.6	100	1 192	948	"

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 31 July 1991: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 July 1991: NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z on 31 July 1991:

1960-BETA 1
1961-OMI 170
1969-082CB
1972-058JK
1975-052BA
1975-052FJ
1975-052FF

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

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The following report supplements the registration data for the United States launches as of 30 August 1991. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects were launched since the last report and remain in orbit:						
1991-054A	2 August 1991	90.5	28.4	324	298	Reusable space transportations systems
1991-054B	2 August 1991	1 435.9	0.1	35 798	35 772	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1991-054C	2 August 1991	632.9	27.0	35 790	291	"
1991-054D	2 August 1991	1 436.1	1.4	35 941	35 646	"
1991-054E	2 August 1991	1 436.1	26.1	35 738	295	"
The following objects not previously reported have been identified since the last report:						
1975-052HR	12 June 1975	124.0	101.0	2 677	1 049	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1975-052HS	12 June 1975	112.4	99.5	1 613	1 061	"
1975-052HT	12 June 1975	114.7	99.8	1 816	1 071	"
1975-052HU	12 June 1975	113.8	100.0	1 733	1 074	"
1975-052HV	12 June 1975	115.5	99.7	1 913	1 044	"
1975-052HW	12 June 1975	108.6	99.8	1 238	1 093	"
1975-052HX	12 June 1975	109.3	99.3	1 315	1 076	"

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1975-052HY	12 June 1975	114.9	99.8	1 575	1 326	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1975-052HZ	12 June 1975	111.3	100.0	1 352	1 222	"
1975-052JA	12 June 1975	103.6	100.0	1 091	768	"
1975-052JB	12 June 1975	105.3	99.4	1 132	889	"
1975-052JC	12 June 1975	108.4	99.7	1 216	1 092	"
1975-052JD	12 June 1975	113.4	99.8	1 758	1 009	"
1975-052JE	12 June 1975	111.1	99.9	1 587	970	"
1975-052JF	12 June 1975	108.4	99.5	1 350	950	"
1975-052JG	12 June 1975	113.3	99.5	1 677	1 082	"
1975-052JH	12 June 1975	103.1	98.7	1 117	700	"
1975-052JJ	12 June 1975	124.9	99.6	2 722	1 076	"
1975-052JK	12 June 1975	111.2	102.0	1 713	852	"
1975-052JL	12 June 1975	100.4	99.7	943	617	"
1975-052JM	12 June 1975	109.2	99.7	1 401	978	"
1975-052JN	12 June 1975	106.6	100.0	1 286	853	"
1975-052JP	12 June 1975	122.1	96.7	2 560	995	"
1991-050C	17 July 1991	100.2	98.5	773	768	"

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1991-051E	17 July 1991	92.7	82.0	455	355	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1991-051G	17 July 1991	92.7	82.0	455	358	"
1990-065D	25 July 1990	590.1	18.2	33 440	417	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1990-065E	25 July 1990	585.9	18.0	33 287	348	"
1990-065F	25 July 1990	587.0	20.1	33 318	375	"
1990-065G	25 July 1990	598.5	18.5	33 651	645	"
1990-065H	25 July 1990	560.8	17.9	31 761	538	"
1990-065J	25 July 1990	576.5	17.8	32 873	308	"
1990-065K	25 July 1990	593.5	169.0	33 522	513	"
1990-065L	25 July 1990	591.0	17.8	33 532	369	"
1990-065M	25 July 1990	587.8	18.0	33 370	481	"
1990-065N	25 July 1990	623.3	17.6	35 106	390	"
1963-014FF	9 May 1963	162.9	86.0	1 315	1 076	"
1975-014FG	9 May 1963	164.2	86.0	1 575	1 076	"
1990-065L	25 July 1990	591.0	17.8	33 532	369	"

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1990-065M	25 July 1990	587.8	18.0	33 370	481	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1990-065N	25 July 1990	623.3	17.6	35 106	390	"
1990-065P	25 July 1990	565.4	19.9	32 156	390	"
1990-105AE	1 December 1990	100.0	98.8	811	798	"
1991-045E	29 June 1991	100.5	89.8	708	770	"
1967-001AU	11 January 1967	462.5	27.4	26 352	516	"
1963-014FH	9 May 1963	162.9	85.2	6 007	1 000	"

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 31 August 1991: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 August 1991: NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z on 31 August 1991:

1961-OMI168
1965-082AU
1970-025LU
1972-058AQ
1986-073C
1987-022B
1990-105AB
1975-052EH
1975-052FP
1975-052FQ
1975-052GE
1975-052GV

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1975-052HG						
1975-052JL						

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

The following report supplements the registration data for the United States launches as of 30 September 1991. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects were launched since the last report and remain in orbit:						
1991-063B	12 September 1991	57.0	96.2	580	574	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
The following objects not previously reported have been identified since the last report:						
1991-045F	29 June 1991	89.3	102.0	961	743	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-025QG	8 April 1991	100.1	106.5	1 067	1 060	"

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 30 September 1991: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 30 September 1991:

1991-063A	12 September 1991	56.9	95.9	583	563	Reusable space transportation systems

The following objects identified in a previous report are no longer in orbit as of 2400Z on 30 September 1991:

1967-092H
1967-092J
1968-017D
1972-058DG
1975-052EH
1975-052EP
1975-052FP
1975-052GC
1975-062GE

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1975-052HG						
1975-052JH						
1975-052JL						
1976-039B						
1977-065BV						
1978-026DE						
1978-026GY						
1979-017CZ						
1983-113B						
1990-051C						
1990-093C						
1990-105J						
1990-105L						
1991-025QG						
1991-045F						
1991-063A						
1991-061A						
1991-045C						
1991-045D						
1991-045E						

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

The following report supplements the registration data for the United States launches as of 31 October 1991. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function

The following objects were launched since the last report and remain in orbit: NONE

The following objects not previously reported have been identified since the last report:

1963-014FJ	9 May 1963		ELEMENTS NOT AVAILABLE			Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1975-052JQ	12 June 1975		ELEMENTS NOT AVAILABLE			"

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 31 October 1991: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 October 1991: NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z on 31 October 1991:

1965-082MV
1965-082QU
1969-082AQ
1970-025FF
1978-042B
1982-118B
1982-118E
1969-064AA
1983-022B
1963-047R
1983-113C
1967-092G
1969-082KV
1979-017KM

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1975-052EK						
1975-052GA						
1975-052GP						
1991-047C						
1975-052HH						
1975-052HJ						
1975-052JF						

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

The following report supplements the registration data for the United States launches as of 30 November 1991. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects were launched since the last report and remain in orbit:						
1991-082C	28 November 1991	93.3	61.0	275	596	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082D	28 November 1991	93.3	61.0	275	596	"
1991-080B	25 November 1991	1 421.9	2.5	53 787	35 795	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1991-080C	25 November 1991	636.8	26.9	380	35 899	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-080D	25 November 1991	1 421.9	2.5	35 787	35 795	"
1991-076A	8 November 1991	ELEMENTS NOT AVAILABLE				Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1991-082A	8 November 1991	101.9	98.9	871	844	"
1991-076B	8 November 1991	ELEMENTS NOT AVAILABLE				Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-082B	28 November 1991	ELEMENTS NOT AVAILABLE				"

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects not previously reported have been identified since the last report:						
1990-065Q	25 July 1990		ELEMENTS NOT AVAILABLE			Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1990-065R	25 July 1990		ELEMENTS NOT AVAILABLE			"
1991-076C	8 November 1991	113.9	82.6	1 427	1 399	Spacecraft engaged in research and exploration of the upper atmosphere or outer space

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 30 November 1991: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 30 November 1991: NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z on 30 November 1991:

1961-OMI138
1963-022C
1965-082PX
1975-025LM
1975-052FC
1975-052FX
1975-052GA
1975-052GD
1975-052GF
1975-052GQ
1975-052GR
1975-052GT
1975-052HP
1975-052HU
1975-052HZ
1975-052JM

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1978-026EJ						
1979-017KE						
1991-047B						
1991-047C						
1991-051H						
1991-080A						

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

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The following report supplements the registration data for the United States launches as of 31 December 1991. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects were launched since the last report and remain in orbit:						
1991-083B	7 December 1991	753.7	16.9	41 243	874	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

The following objects not previously reported have been identified since the last report: NONE

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 31 December 1991: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 December 1991: NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z on 31 December 1991:

1975-052DP	12 June 1975	121.2	100.0	2 496	976	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1975-052DU	12 June 1975	114.9	100.0	2 060	847	"
1975-052HY	12 June 1975	114.9	99.3	1 575	1 326	"

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

The following report supplements the registration data for the United States launches as of 31 January 1992. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects were launched since the last report and remain in orbit: NONE						
The following objects not previously reported have been identified since the last report:						
1963-014EN	9 May 1963	165.7	87.0	4 572	2 666	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1975-052JK	12 June 1975	109.2	103.0	1 895	491	"
1991-082E	28 November 1991	101.8	98.9	853	835	"
1970-025QH	8 April 1970	100.4	100.0	883	678	"
1970-025QJ	8 April 1970	100.4	100.0	883	679	"
1970-025QK	8 April 1970	100.4	100.0	888	676	"
1970-025QL	8 April 1970	100.2	100.0	866	673	"
1970-025QM	8 April 1970	100.2	100.0	866	677	"
The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 31 January 1992: NONE						
The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 January 1992:						
1992-002A	22 January 1992	90.4	59.9	298	292	Reusable space transportation systems

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects identified in a previous report are no longer in orbit as of 2400Z on 31 January 1992:						
1970-025BS	8 April 1970	102.4	99.9	1 081	664	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1971-096A	15 November 1971	467.0	3.59	26 896	231	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1975-004GD	22 January 1975	100.3	98.0	825	728	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1977-065Q	14 July 1977	110.9	28.9	2 001	536	"
1970-096A	8 April 1970	102.1	100.0	961	757	"
1975-004GD	8 April 1975	105.9	100.0	1 165	914	"
1975-052GJ	12 June 1975	120.1	100.0	2 372	1 001	"
1991-051C	17 July 1991	92.7	82.0	455	356	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1962-A ALP4			ELEMENTS NOT AVAILABLE			
1966-070B			"			
1970-025L			"			
1984-021C			"			
1990-049B			"			
1991-051A			"			
1991-051B			"			
1991-051D			"			
1991-051E			"			

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1991-051F			ELEMENTS NOT AVAILABLE			
1991-051G			"			

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

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The following report supplements the registration data for the United States launches as of 29 February 1992. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects were launched since the last report and remain in orbit:						
1992-009A	23 February 1992	714.8	54.7	20 313	19 894	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
The following objects not previously reported have been identified since the last report:						
1985-066H	3 August 1985	107.8	89.9	1 254.6	999.5	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1992-006A	11 February 1992	1 300.5	0.9	35 503	30 675	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1992-006B	11 February 1992	608.8	26.4	34 669	265	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1992-006C	11 February 1992	1 298.0	0.3	38 679	27 397	"
1992-009A	23 February 1992	104.9	3.0	1 013	962	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1992-009B	23 February 1992	98.3	20.0	725	633	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1992-009C	23 February 1992	356.5	34.6	20 371	188	"

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 29 February 1992: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 29 February 1992: NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z on 29 February 1992:

1969-082EN	20 September 1969	94.6	70.2	509	495	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1982-097B	28 September 1982	100.7	24.2	1 369	189	"
1972-058JH	23 July 1972	94.9	98.6	539	490	"
1967-048C	18 May 1967	98.2	89.6	685	660	"
1965-098K	29 November 1965	100.4	79.7	1 118	435	"
1970-025PB			ELEMENTS NOT AVAILABLE			
1972-058JF			"			
1975-052GN			"			
1975-052JP			"			

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

The following report supplements the registration data for the United States launches as of 31 March 1992. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects were launched since the last report and remain in orbit:						
1992-015A	24 March 1992	90.1	56.9	292	270	Reusable space transportation systems
1992-013A	14 March 1992	655.8	19.7	36 135	1 121	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1992-013B	14 March 1992	638.2	19.6	35 255	1 099	"
1990-050F	8 June 1990	129.4	63.5	2 960	1 228	"
The following objects not previously reported have been identified since the last report:						
1990-050F	8 June 1990	129.2	63.5	2 960	1 228	"
1990-050G	8 June 1990	125.4	63.4	2 601	1 224	"
1975-052JR	12 June 1975	ELEMENTS NOT AVAILABLE				"
1975-052JS	12 June 1975	ELEMENTS NOT AVAILABLE				"

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 31 March 1992: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 March 1992: NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z on 31 March 1992:

1963-047B	27 November 1963	107.6	30.0	1 658	573	"
1978-042C	1 May 1978	101.4	98.7	833	820	"

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1988-006C	3 February 1988	101.3	98.7	824	818	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1990-043G	9 May 1990	98.5	89.8	766	610	"
1961-RH03			ELEMENTS NOT AVAILABLE			
1970-025KM			"			
1972-058FS			"			
1975-004AS			"			
1975-052DQ			"			

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

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The following report supplements the registration data for the United States launches as of 30 April 1992. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects were launched since the last report and remain in orbit:						
1992-019A	10 April 1992	358.4	34.6	20 485	188	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1992-019B	10 April 1992	97.3	21.1	720	534	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1992-019C	10 April 1992	357.8	34.5	20 444	191	"
1980-032C	26 April 1980	232.1	62.8	11 791	475	"
1965-048N	24 June 1965	105.8	90.0	1 109	960	"
1990-065S	25 July 1990	572.1	17.4	32 629	275	"
1992-023A	25 April 1992	89.3	84.9	175	145	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1992-023B	25 April 1992	89.1	85.0	175	145	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:						
1975-052JT	12 June 1975	109.1	99.3	1 320	1 054	"
1975-052JU	12 June 1975	111.5	99.6	1 523	1 068	"

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 30 April 1992: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 30 April 1992: NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z on 30 April 1992:

1972-058CD

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

The following report supplements the registration data for the United States launches as of 31 May 1992. All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
The following objects were launched since the last report and remain in orbit:						
1992-027B	14 May 1992	119.3	19.6	2 797	506	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1992-027C	14 May 1992	701.4	22.6	36 736	2 802	"
The following objects not previously reported have been identified since the last report:						
1968-050A	13 June 1968	1 335.0	11.7	33 852	33 724	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1991-076F	8 November 1991	93.3	61.0	614	275	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1961-OMI1299	29 June 1961	102.4	66.0	1 312	440	"
1965-082U	15 October 1965	96.7	32.5	647	556	"

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 31 May 1992: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 May 1992: NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z on 31 May 1992:

1962-A PSI 5	18 September 1962	96.7	58.2	602	595	"

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International designation	Date of launch	Nodal period	Inclination (deg)	Apogee (km)	Perigee (km)	General function
1992-015B	14 February 1992	93.9	43.1	483	450	Spacecraft engaged in research and exploration of the upper atmosphere or outer space

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

UNITED NATIONS

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Secretariat

Distr.
GENERAL

ST/SG/SER.E/259
28 January 1993

ORIGINAL: ENGLISH

COMMITTEE ON THE PEACEFUL
USES OF OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 12 January 1993 from the Permanent Mission of Australia to the United Nations addressed to the Secretary-General

The Permanent Mission of Australia to the United Nations presents its compliments to the Secretary-General of the United Nations and has the honour to report the launching of the Optus B1 satellite, which the Australian Space Office has lodged in its registry pursuant to the Convention on Registration of Objects Launched into Outer Space, to which Australia acceded on 11 March 1986.

In accordance with Australia's obligations under the Convention, the Permanent Mission of Australia to the United Nations has the honour to provide the following details of the Optus B1 satellite:

1.	Satellite:	Optus B1
2.	Name of launching State:	Australia
3.	International designation:	Optus B1
4.	Date of launch:	14 August 1992
5.	Territory of launch:	China
6.	Nodal period:	23 hours 56 minutes
7.	Inclination:	0.0 ± 0.05 degrees
8.	Apogee:	42,164 km (geostationary)
9.	Perigee:	42,164 km (geostationary)

10. Longitude: 160 ± 0.05 degrees East

11. Function: Commercial communications

The Australian Space Office has also informed us that it has previously notified the Secretary-General regarding three other satellites in the Australian registry. Details of these are as follows:

(1) Aussat A1, launched from the United States of America on 26 August 1985;

(2) Aussat A2, launched from the United States of America on 27 November 1985;

(3) Aussat A3, launched from France (French Guiana) on 15 September 1987.